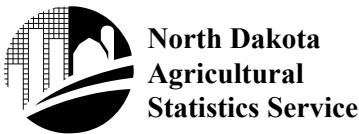


NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: October 4, 2004
For Week Ending: October 3, 2004
ND-CW4004

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Killing frost blanketed the state during the weekend and halted late season crop development, according to the North Dakota Agricultural Statistics Service. The frost aided the dry down process of mature crops and evened out green spots in soybean fields. Late planted small grains in the northern counties were hurt by the frost with some reported as being cut for hay. Besides harvesting, producers continued fall tillage operations and some started anhydrous applications. Statewide, on average, 5.9 days were suitable for fieldwork during the week. Topsoil moisture levels remained stable from the previous week and were rated 73 percent adequate to surplus compared to the five-year average (1999-2003) of 60 percent.

Crops: Small grain harvest progressed, but remained about two weeks behind average. Barley harvested was 97 percent complete compared to the average of 100 percent. Spring and durum wheat harvested were 91 and 74 percent complete compared to 99 and 94 percent on average, respectively. Dry edible beans and soybeans were 86 and 85 percent mature with leaves dropping compared to 100 and 98 percent on average. Corn development ended the week at 80 percent dented and beyond and 17 percent mature compared to 100 and 90 percent on average, respectively. Corn silage chopping was 66 percent complete compared to 86 percent on average. Canola harvested moved 17 percentage points ahead of the previous week, but was still 14 percentage points behind the average.

Late season crop conditions remained relatively stable. Soybean and corn conditions were 45 and 43 percent good to excellent, the same as the previous week. Sunflower condition was 45 percent good to excellent, down 1 percentage point from the previous week.

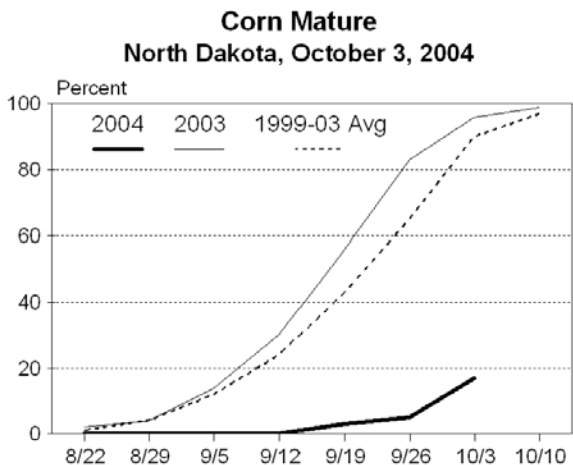
Livestock: Cattle producers gathered hay into storage lots and continued to wean and vaccinate calves. Pasture and range conditions were rated 24 percent good to excellent compared to 30 percent the previous week and 33 percent on average. Stockwater supplies remained stable compared to last week with 12 percent very short, 21 short, 64 adequate and 3 surplus.

Small Grain Development Progress October 3, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Combined	97	95	100	100
DURUM WHEAT				
Combined	74	67	100	94
HRS WHEAT				
Combined	91	84	100	99
OATS				
Combined	95	92	100	100

Late Season Crop Development Progress ^{1/} October 3, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
CANOLA				
Combined	84	67	100	98
CORN				
Dough	95	89	100	100
Dented	80	68	100	100
Mature	17	5	96	90
CORN FOR SILAGE				
Chopped	66	48	96	86
DRY EDIBLE BEANS				
Fully Podded	97	94	100	100
Lower Leaves Yellowing	93	83	100	100
Mature Leaves Dropping	86	61	100	100
Cut & Beyond	40	15	95	90
Harvested	22	4	87	76
FLAXSEED				
Combined	63	45	100	91
POTATOES				
Vines Killed	99	89	97	99
Dug	68	37	74	75
SOYBEANS				
Lower Leaves Yellowing	95	84	100	100
Mature Leaves Dropping	85	53	99	98
Harvested	12	1	51	45
SUGARBEETS				
Lifted	26	4	45	34
SUNFLOWER				
Ray Flowers Dried/Dropped	95	84	100	100
Bracts Turned Yellow	78	50	99	98
Bracts Turned Brown	36	14	88	84
Harvested	0	0	9	5

1/ Crop development percents represent all acreage in or beyond each stage.

Crop and Pasture Condition Week Ending October 3, 2004					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Corn, All	8	18	31	37	6
Dry Edible Beans	14	22	35	26	3
Soybeans	5	14	36	40	5
Sugarbeets	1	4	20	46	29
Sunflower	3	14	38	40	5
Pasture and Range	25	22	29	21	3



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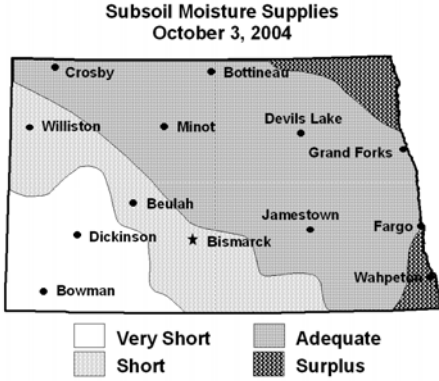
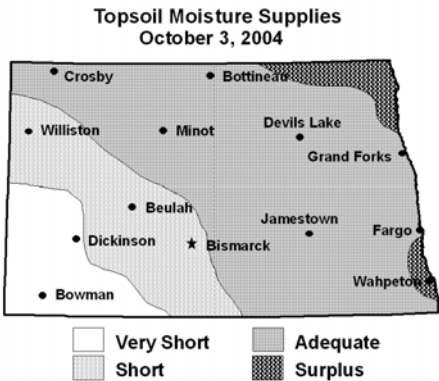
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending October 3, 2004

Soil Moisture:

North Dakota, October 3, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	11	16	65	8
Last Week	9	18	61	12
Last Year	21	39	39	1
1999-03 Avg	13	28	55	4
SUBSOIL				
This Week	18	16	58	8
Last Week	16	19	57	8
Last Year	32	41	27	0
1999-03 Avg	14	27	55	4



Weather: Fairly nice conditions closed out the month of September. Temperatures averaged above seasonal normals for most of the week with little precipitation. Highs were generally in the mid-60s to low 70s across the state. An area of low pressure moved in on September 29, bringing scattered showers and even a few thunderstorms across central and eastern areas. A cold front associated with the low moved across the state late on September 30, dramatically cooling temperatures for the start of October. Many areas saw their first hard freeze of the season on October 1, dropping into the low 20s.

Outlook, October 4-10: After a cold start, temperatures will warm nicely as the week progresses. Look for mainly dry conditions. The jet stream will push north into Canada midweek, putting North Dakota in a fairly mild air mass. An area of low pressure will move into the state on Wednesday, bringing a chance of showers with it. High temperatures will warm into the 70s for most of the state, with a few areas in the southwest and central touching 80 degrees by midweek. Slightly cooler temperatures will move in at the end of the week, along with dry conditions. The weekend looks mostly dry and mild, with highs in the mid-60s to low 70s and lows in the 40s.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending October 3, 2004

District Averages		Average Temperature		Seasonal Precipitation Beginning April 1		
		Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
		(Degrees F)		(Inches)		
Northwest	(1)	48	-2	0.07	10.83	-1.73
N. Central	(2)	45	-4	0.06	13.54	-0.85
Northeast	(3)	48	-3	0.06	14.24	0.54
W. Central	(4)	47	-5	0.23	7.21	-6.13
Central	(5)	48	-4	0.23	15.28	1.20
E. Central	(6)	50	-2	0.10	15.40	0.26
Southwest	(7)	46	-6	0.01	7.44	-5.34
S. Central	(8)	50	-2	0.00	9.95	-2.62
Southeast	(9)	50	-2	0.05	16.63	2.10

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending October 3, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
		(Degrees F)	(Inches)		
(1) Bowbells	71	21	0.08	11.17	-1.38
Williston	74	21	0.04	8.73	-1.68
Mohall	71	26	0.07	13.18	-0.49
Minot	70	26	0.10	10.24	-2.32
(2) Baker	68	24	0.08	13.66	-2.42
Bottineau	70	19	0.06	12.57	-1.90
Rugby	67	24	0.03	14.40	1.79
(3) Cando	67	21	0.05	11.42	-1.80
Cavalier	71	27	0.10	14.80	0.46
Forest River	72	26	0.04	13.11	-0.53
Grand Forks	71	29	0.03	13.80	0.01
Langdon	71	25	0.03	15.51	1.97
St. Thomas	71	27	0.09	16.81	3.17
(4) Hazen	71	21	0.06	5.76	-8.00
Turtle Lake	68	26	0.10	8.54	-5.32
Watford City	72	24	0.54	7.34	-5.06
(5) Carrington	71	24	0.42	14.63	0.62
Harvey	71	25	0.09	12.71	-1.21
Jamestown	72	28	0.21	18.77	4.67
Robinson	71	21	0.31	16.08	2.38
Streeter	72	23	0.11	14.20	-0.49
(6) Dazey	73	28	0.15	13.49	-2.11
Fargo	71	27	0.11	16.92	2.51
Hillsboro	73	26	0.03	15.79	0.38
(7) Beach	71	20	0.00	8.23	-3.64
Bowman	71	21	0.00	8.57	-4.09
Dickinson	70	23	0.02	6.26	-6.80
Hettinger	72	21	0.00	6.68	-6.83
(8) Mandan	74	26	0.00	9.63	-2.43
Linton	75	24	0.00	10.27	-2.81
(9) Edgeley	72	28	0.13	16.80	2.11
Oakes	73	25	0.00	15.12	1.17
Wyndmere	74	27	0.01	17.96	3.02

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